

# [PIPE TRAP]

## Abstract

A pipe trap comprising a body, a disc filter, a pipe and a plurality of mesh filter suitable for filtering gases is provided. The pipe trap body has a gas inlet and a gas outlet. The disc filter and the mesh filters are enclosed inside the pipe trap body. One end of the pipe connects with the disc filter and the other end of the pipe connects with the gas outlet. The mesh filters are enclosed inside the pipe. Using a multi-stage filtering method, liquid matter separates out first and then gaseous particles are filtered according to the particle size so that the pipe trap has a high filtering efficiency.